

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING IDE DEVICE CONNECTIONS

ABSTRACT

5 Methods, systems, and computer readable mediums provide for the detection of
IDE drives connected to intelligent drive electronics channels within a computer.
Detection may be obtained by reading a status register destination and detecting whether
data read from the status register destination has a predefined value. Based on the data
read from the status register destination, an indication that an IDE drive is connected to
10 the intelligent drive electronics channel is returned. Detection of enhanced IDE or ATAPI
drives connected to an intelligent drive electronics channel is also provided. Enhanced
IDE drives may be detected by reading a cylinder high register destination and a cylinder
low register destination to detect a predefined signature. Based on the data read from the
cylinder high and the cylinder low register destinations, an indication that an enhanced
15 IDE drive is connected to an intelligent drive electronics channel is returned.